

**Dust Abatement**

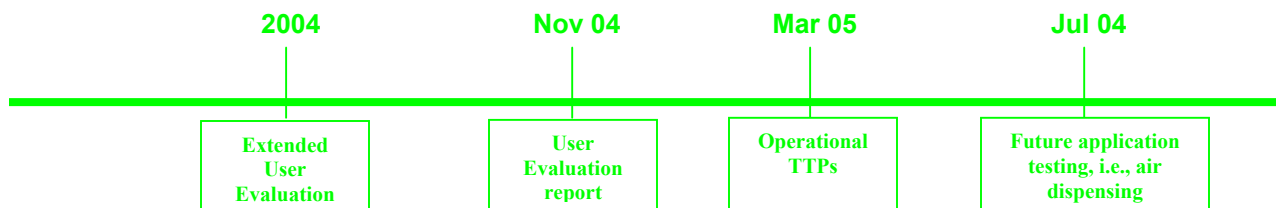
**Purpose:** To develop materials and tactics, techniques, and procedures for rapidly upgrading, repairing, or constructing expeditionary or contingency airfields in theatre with a low logistics footprint.

**Background:** The Marine Corps requires an organic capability to control dust in expeditionary landing zones for rotary wing operations in arid and semi-arid climates containing aridisol type soils. This need to control dust was identified in recent operations in Afghanistan and Iraq where dust conditions severely limited visibility causing “brown-out” conditions.



**Description:** Marine Wing Support Groups require a dust palliative that will control dust in an austere, arid and semi-arid climate. The palliative must be applied “as is” or able to be pre-mixed with water and stored for up to 3 months with no degradation in product quality.

**Deliverable Product(s):** The Lab and Marine Wing Support Group-27 have conducted assessments of several commercially available products and have selected the top three performers for an extended users evaluation during OIF 2.

**Milestones:**

**Action Officer:** 784-1088